

STATE OF CALIFORNIA
California Energy Commission
December 2, 2009

Minutes of the December 2, 2009, Energy Commission Business Meeting.

The meeting was called to order at 10:06 by Chairman Karen Douglas. The Pledge of Allegiance was led by Chairman Douglas.

Present:

Karen Douglas, Chairman

Jeffrey D. Byron, Commissioner

Julia A. Levin, Commissioner

1. **CONSENT CALENDAR.** (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)
 - a. **E SOURCE COMPANIES LLC.** Possible approval of Contract 500-09-018 for \$17,900 with E Source Companies LLC to extend the Energy Commission's membership for one year. This membership provides the Energy Commission with access to the E Source Technology Assessment Service for energy-related technologies and market assessment information. (PIER electricity funding.) Contact: Norm Bourassa.
 - b. **MICROPAS 8.0.** Possible approval of MICROPAS 8.0 as a computer program for demonstrating compliance with the *2008 Residential Building Energy Efficiency Standards*. Contact: Robert Hudler.
 - c. **CITY OF HAYWARD.** Possible approval of the City of Hayward's proposed Locally Adopted Energy Standards for commercial and residential newly constructed buildings and major renovations. This local ordinance, which requires greater energy efficiency than the *2008 Building Energy Efficiency Standards*, is proposed to become effective on January 1, 2010. Contact: Joe Loyer.

Item 1b was moved to the December 16 Business Meeting agenda. Commissioner Byron moved and Commissioner Levin seconded approval of the remaining items on the Consent Calendar. The vote was unanimous. (3-0)

2. **CARRIZO ENERGY SOLAR FARM (07-AFC-8).** Possible adoption of an Order Terminating Proceedings for the Carrizo Energy Solar Farm. On November 4, 2009, Applicant, Ausra CA II, dba Carrizo Energy, LLC, filed a letter with the Commission's Executive Director according to California Code of Regulations, title 20, Section 1709.8, withdrawing the Application for Certification for the Carrizo Solar Energy Farm. Contact: Gary Fay. (10 minutes)

Commissioner Byron moved and Commissioner Levin seconded adoption of the order terminating proceedings. The vote was unanimous. (3-0)

3. RICE SOLAR ENERGY PROJECT (09-AFC-10). Contact: Joseph Douglas. (10 minutes)
 - a. Possible approval of the Executive Director's data adequacy recommendation for the Rice Solar Energy Project. The project is a 150 megawatt facility using concentrating solar power technology, with a central receiver tower and an integrated liquid salt thermal storage system. It will be located in an unincorporated area of eastern Riverside County.

Commissioner Byron moved and Commissioner Levin seconded approval of the Executive Director's recommendation that the AFC be found data adequate. The vote was unanimous. (3-0)

- b. Possible appointment of a siting committee for the Rice Solar Energy Project.

Chairman Douglas appointed Commissioner Levin presiding member and Commissioner Rosenfeld second member of a siting committee for the Rice Solar project. Commissioner Byron moved and Commissioner Levin seconded approval of the appointments. The vote was unanimous. (3-0)

4. CITY OF CLOVIS. Possible approval of an \$867,200 loan to the City of Clovis for energy efficiency upgrades. The city plans to install personal computer management software on 600 computers, upgrade interior and exterior lighting, and replace boilers and chillers at the police department and a senior center. These projects will save the city an estimated 890,000 kWh and 3,000 therms annually, equivalent to \$112,000 in reduced energy cost, with a simple payback of 7.7 years based on the loan amount. (ARRA funding.) Contact: Amir Ehayi. (5 minutes)

Commissioner Levin moved and Commissioner Byron seconded approval of the loan to the City of Clovis. The vote was unanimous. (3-0)

5. CITY OF CHULA VISTA. Possible approval of a \$2,051,600 loan to the City of Chula Vista to upgrade street lighting. The city will convert 4,600 street light fixtures from high pressure sodium lamps to induction lamps. This change will save the city approximately \$200,000 annually, with a simple payback of 10.3 years based on the loan amount. (ARRA funding.) Contact: Karen Perrin. (5 minutes)

Item 5 was moved to the December 16 Business Meeting agenda.

6. DEPARTMENT OF GENERAL SERVICES. Possible approval of Contract 600-09-005 for \$165,000 with the Department of General Services' Contracted Fiscal Services Unit for year-end closing and accounting support in preparing the annual independent audit of the Energy Commission's Tax Exempt Revenue Bond program. (Bond Administration funding.) Contact: Jane Heinz. (5 minutes)

Commissioner Byron moved and Commissioner Levin seconded approval of Contract 600-09-005. The vote was unanimous. (5-0)

7. COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS. Possible approval of Contract 600-09-006 for \$110,734 with the Collaborative for High Performance Schools (CHPS) to update two of the CHPS Best Practices manuals and to provide an additional training and outreach campaign for the CHPS High Performance Relocatable Classroom

program. This work will expand on-line delivery by developing on-line educational tools such as video, customized planning discussion resources, and Wiki-type documents updates. (Federal funding.) Contact: Elizabeth Shirakh. (5 minutes)

Commissioner Levin moved and Commissioner Byron seconded approval of Contract 600-09-006. The vote was unanimous. (3-0)

8. CALIFORNIA DEPARTMENT OF WATER RESOURCES. Possible approval of Contract 500-09-016 for \$95,000 with California Department of Water Resources to provide specific values for sea level rise in California as a result of climate change, and recommend planning guidelines for state and local governments on how to apply these numbers to conduct vulnerability assessments and adaptation plans. (PIER electricity funding.) Contact: Sarah Pittiglio. (5 minutes)

Commissioner Levin moved and Commissioner Byron seconded approval of Contract 500-09-016. The vote was unanimous. (3-0)

9. CALSTART, INC. Possible approval of Contract 500-09-019 for \$3 million with CALSTART, Inc. to establish a research center for developing clean and efficient vehicle technologies, including hybrid technology, for medium and heavy duty vehicles. (PIER electricity funding.) Contact: Philip Misemer. (10 minutes)

Commissioner Byron moved and Commissioner Levin seconded approval of Contract 500-09-019. The vote was unanimous. (3-0)

10. UNIVERSITY OF CALIFORNIA, IRVINE. Possible approval of Contract 500-09-015 for \$300,000 with the Regents of the University of California, Irvine to provide data and analysis tools on a fuel flexible turbine system for distributed generation/combined heat and power. This funding will leverage up to \$2 million of federal money for California. (PIER electricity funding.) Contact: Ken Koyama. (5 minutes)

Commissioner Byron moved and Commissioner Levin seconded approval of Contract 500-09-015. The vote was unanimous. (3-0)

11. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Contract 500-09-017 for \$500,000 with the Lawrence Berkeley National Laboratory to develop a model that depicts the interaction of water and hydroelectric energy in the American River system and how these interactions will respond to future changes in water, energy supply, and energy demand. The two-year project also will evaluate possible strategies to improve future water and energy management. (PIER electricity funding.) Contact: Joe O'Hagan. (5 minutes)

Commissioner Byron moved and Commissioner Levin seconded approval of Contract 500-09-017. The vote was unanimous. (3-0)

12. CALIFORNIA ENERGY DEMAND 2010-2020. Possible adoption of the staff final report, *California Energy Demand 2010-2020, Staff Revised Forecast, Second Edition*. The Commission's adopted electricity and end-user natural gas consumption and peak demand forecasts are for use in the Integrated Energy Policy Report process and the California Public Utilities Commission long-term procurement process and as input to other energy planning studies and assessments. Forecasts for California as a whole and for each major utility planning area within the state are included. Contact: Chris Kavalec. (10 minutes)

Commissioner Byron moved and Commissioner Levin seconded approval of California Energy Demand 2010-2020, and errata as modified by Commissioner Levin. The vote was unanimous. (3-0)

13. **Minutes:** Approval of the November 18, 2009 Business Meeting Minutes.

Commissioner Levin moved and Commissioner Byron seconded approval of the November 18 Minutes. The vote was unanimous. (3-0)

14. **Commission Committee Presentations/Discussion**

15. **Chief Counsel's Report:** Acting Chief Counsel Jonathan Blees gave the report.

16. **Executive Director's Report:** Executive Director Melissa Jones gave the report.

17. **Public Adviser's Report:** Associate Public Adviser Loreen McMahon gave the report.

18. **Public Comment:** None.

Appearances:

Mr. Scott Galati, Galati, Blek LLP

Mr. Jeffrey Benoit, SolarReserve

Mr. Bill Orr, Collaborative for High Performance Schools

There being no further business, the meeting was adjourned.

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission